HE 52.60/9:16/3

NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 16, No. 3

WEEKLY REPORT

Week Ending January 21, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE • PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

UNIVERSITY OF FLORIDA LIBRARIES FEB 1967 DOCUMENTS SECTION

CURRENT TRENDS
MEASLES – 1967

A total of 1,451 cases of measles was reported for the 3rd week (ending January 21), an increase of 106 cases from the total of the previous week and 3,481 less than the total of 4,932 reported for the 3rd week in 1966. The three states reporting the highest numbers of cases are Texas with 322, Washington with 160, and California with 77. Six states reported no measles activity; 15 states notified at least one but fewer than 10 cases.

Figure 1 presents the reported cases of measles from the beginning of the epidemiologic year (week ending October 15) in comparison with the same period during the previous 3 years.

The counties reporting outbreaks of measles cases during the 6-week period ending January 14 are listed in Table 1. Five counties have been added by the criteria used: Washoe County, Nevada; Eastland, Ector, and Galveston Counties, Texas; and Clallam County, Washington. Since Table 1 was last published, the number of cases in four previously listed counties fell below the threshold and they are no longer included: Lane and Washington Counties, Oregon; Hutchinson County, Texas; and Snohomish County, Washington.

(Reported by the Childhood Viral Diseases Unit, Epidemiology Program, NCDC.)

(Table 1 on page 18)

CONTENTS

Current Trends
Measles – 1967 17
Epidemiologic Notes and Reports
Lactose-Fermenting Salmonella Infection – Michigan . . . 18
Summary of Reported Cases of Infectious Syphilis 19

Figure 1
REPORTED MEASLES IN THE UNITED STATES
1966-67 COMPARED WITH 1963-64 TO 1965-66

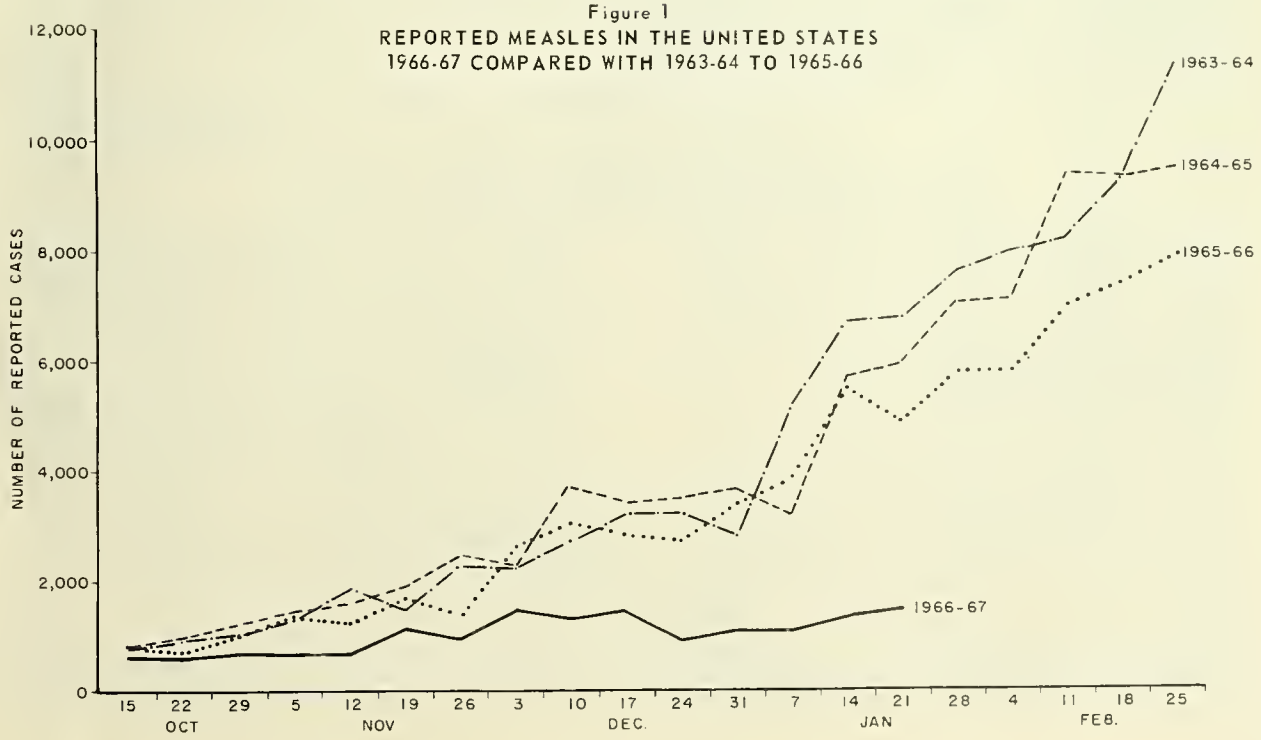

Table 1
Counties with Outbreaks of Measles*
December 4, 1966 – January 14, 1967

State – County	Pop. (1000's)	December			January		
		10	17	24	31	7	14
Arkansas							
Ouachita	32		119	35	80		
Colorado							
Pueblo	119	20	18	11	17	11	8
Michigan							
Wayne	2,666	†13	30	32	14	9	27
Mississippi							
Oktibbeha	26	73	58			52	25
Nebraska							
Richardson	14	27		14		2	25
Nevada							
Washoe	85					11	36
North Carolina							
Durham	112	42	64	42	22		22
Tennessee							
Maury	42	8	13		28	21	
Texas							
Brown	25	7	18		6	13	7
Eastland	20			4	20	18	
Ector	91	1	2	21	11	21	18
Galveston	140	22	8	3	5	20	33
Red River	16	10	19	11	10	6	
Travis	212	30	36	41	51	60	62
Washington							
Benton	62	5	30	15		10	21
Clallam	30	9	2	39	6	36	14
Franklyn	23	4	15	12		4	13
King	935	29	50	15	23	29	25
Spokane	278		49	2	21	71	37

*Criteria for outbreaks:
Population at least 1,000,000: 25 cases for 2 consecutive weeks.
Population 500,000 – 999,999: 20 cases for 2 consecutive weeks.
Population 100,000 – 499,999: 15 cases for 2 consecutive weeks.
Population less than 100,000: 10 cases for 2 consecutive weeks.
†Immunization program begun according to reports received by MMWR.

EPIDEMIOLOGIC NOTES AND REPORTS
LACTOSE-FERMENTING SALMONELLA INFECTION – Michigan

Nine patients, all over 65 years of age, became acutely ill in early November 1966 while residing in a Wayne County, Michigan nursing home which houses approximately 100 patients. Symptoms consisted of diarrhea, low-grade fever (mean of 101.2°), and abdominal cramps. Vomiting was not a prominent feature of the symptom complex.

Two of the stool specimens obtained from patients contained organisms that gave a typical salmonella reaction when plated directly on bismuth sulfite agar, but when plated directly on MacConkey's and on Salmonella-Shigella media showed only lactose-fermenting colonies. Enrichment of these samples in tetrathionate brillant green broth gave the same results when plated as before. The Salmonella Laboratory of the Michigan Department of Public Health typed these cultures as *Salmonella newington*.

Instant nonfat dry milk powder was suspected of being the vehicle of infection. A sample of this material obtained for bacteriologic analysis from a stainless steel lined storage bin at the nursing home yielded a lactose-fermenting *S. newington*. Samples of dried milk obtained from the plant that processed the milk in question yielded the same organism.

The Enteric Bacteriology Unit of the Bacteriology Section, Laboratory Improvement Program, National Communicable Disease Center, received cultures from one of the patients and from milk in the nursing home, and confirmed the Michigan findings.

(Reported by Dr. George Pickett, Epidemiologist, Wayne County Health Department; and Dr. George H. Agate, Chief, Division of Epidemiology, Michigan Department of Public Health.)

Editorial Note: The frequency of occurrence of lactose-positive salmonellae is not precisely known. Ewing and

(Continued on page 24)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS DECEMBER 1965 AND DECEMBER 1966

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas December 1965 and December 1966 - Provisional Data

Reporting Area	December		Cumulative Jan - Dec	
	1966	1965	1966	1965
NEW ENGLAND	27	41	452	477
Maine	-	-	3	2
New Hampshire	-	1	12	28
Vermont	-	-	3	2
Massachusetts	22	33	304	300
Rhode Island	-	-	26	23
Connecticut	5	7	104	122
MIDDLE ATLANTIC	308	467	3,876	4,945
Upstate New York	25	43	359	558
New York City	189	295	2,336	2,889
Pa. (Excl. Phila.)	13	18	195	189
Philadelphia	29	59	272	365
New Jersey	52	52	714	944
EAST NORTH CENTRAL	311	277	3,281	3,031
Ohio	93	64	680	648
Indiana	3	14	89	63
Downstate Illinois	24	12	182	193
Chicago	73	92	1,027	1,189
Michigan	116	92	1,213	860
Wisconsin	2	3	90	78
WEST NORTH CENTRAL	35	45	411	553
Minnesota	11	4	42	91
Iowa	4	6	73	49
Missouri	9	25	145	248
North Dakota	-	-	4	2
South Dakota	6	1	37	39
Nebraska	3	5	51	88
Kansas	2	4	59	36
SOUTH ATLANTIC	448	503	6,126	6,735
Delaware	5	5	54	56
Maryland	43	42	568	485
District of Columbia	30	47	500	495
Virginia	23	33	313	326
West Virginia	3	12	72	107
North Carolina	56	66	839	1,004
South Carolina	68	79	875	851
Georgia	77	61	1,015	1,055
Florida	143	158	1,890	2,356

Reporting Area	December		Cumulative Jan - Dec	
	1966	1965	1966	1965
EAST SOUTH CENTRAL	143	196	2,193	2,689
Kentucky	13	12	142	138
Tennessee	31	33	306	503
Alabama	71	99	1,233	1,417
Mississippi	28	52	512	631
WEST SOUTH CENTRAL	216	188	2,780	2,330
Arkansas	8	4	151	202
Louisiana	38	54	640	661
Oklahoma	8	10	137	111
Texas	162	120	1,852	1,356
MOUNTAIN	52	41	480	546
Montana	1	3	31	21
Idaho	5	-	25	9
Wyoming	1	-	2	9
Colorado	2	6	47	51
New Mexico	22	6	125	112
Arizona	17	21	215	268
Utah	-	4	10	21
Nevada	4	1	25	55
PACIFIC	136	179	1,733	2,032
Washington	4	6	43	70
Oregon	1	11	45	47
California	128	160	1,604	1,875
Alaska	-	1	11	8
Hawaii	2	1	29	32
U. S. TOTAL	1,676	1,937	21,332	23,338
TERRITORIES	59	85	969	900
Puerto Rico	59	85	942	876
Virgin Islands	-	-	27	24

Note: Cumulative Totals include revised and delayed reports through previous months.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	3rd WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 3 WEEKS		
	JANUARY 21, 1967	JANUARY 22, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis	29	16	32	76	87	87
Brucellosis	2	2	6	8	6	12
Diphtheria	1	3	3	3	6	12
Encephalitis, primary:						
Arthropod-borne & unspecified	20	25	- - -	57	68	- - -
Encephalitis, post-infectious	7	13	- - -	20	38	- - -
Hepatitis, serum	29	20	872	108	52	2,366
Hepatitis, infectious	746	631		2,016	1,991	
Malaria	27	5	1	67	13	5
Measles (rubeola)	1,451	4,932	6,805	3,915	14,360	18,754
Meningococcal infections, total	73	63	62	191	221	157
Civilian	68	54	- - -	177	200	- - -
Military	5	9	- - -	14	21	- - -
Poliomyelitis, total	—	—	—	—	1	1
Paralytic	—	—	—	—	—	—
Rubella (German measles)	850	824	- - -	1,602	2,150	- - -
Streptococcal sore throat & scarlet fever	12,084	9,521	9,521	30,609	26,356	23,685
Tetanus	3	—	2	6	3	10
Tularemia	4	4	6	9	12	26
Typhoid fever	5	2	7	9	10	14
Typhus, tick-borne (Rky. Mt. spotted fever)	—	—	—	3	7	3
Rabies in animals	71	61	57	205	203	171

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	—	Rabies in man	—
Botulism	—	Rubella, Congenital Syndrome	—
Leptospirosis	3	Trichinosis: N.H.-1	5
Plague	—	Typhus, murine	—
Psittacosis: Mass.-1	5		

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
JANUARY 21, 1967 AND JANUARY 22, 1966 (3rd WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
					Primary including unsp. cases		Post-Infectious	Serum		Infectious	
	1967	1966	1967	1967	1967	1966	1967	1967	1966	1967	1966
UNITED STATES...	29	16	2	1	20	25	7	29	20	746	631
NEW ENGLAND.....	-	-	-	-	1	2	1	1	1	33	37
Maine.....	-	-	-	-	-	-	-	-	-	3	14
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	1	1	-	1	9	17
Rhode Island.....	-	-	-	-	1	1	-	1	-	7	1
Connecticut.....	-	-	-	-	-	-	-	-	-	13	5
MIDDLE ATLANTIC.....	4	3	1	-	3	6	1	9	9	118	96
New York City.....	1	1	-	-	1	3	-	6	6	19	18
New York, up-State.	2	2	1	-	-	1	-	1	-	47	29
New Jersey.....	-	-	-	-	1	2	-	1	2	21	10
Pennsylvania.....	1	-	-	-	1	-	1	1	1	31	39
EAST NORTH CENTRAL...	1	4	-	-	3	2	1	-	-	115	138
Ohio,.....	-	2	-	-	3	2	-	-	-	22	23
Indiana.....	-	-	-	-	-	-	-	-	-	5	10
Illinois.....	-	2	-	-	-	-	-	-	-	20	24
Michigan.....	1	-	-	-	-	-	1	-	-	55	71
Wisconsin.....	-	-	-	-	-	-	-	-	-	13	10
WEST NORTH CENTRAL...	-	1	1	-	1	1	-	-	-	32	23
Minnesota.....	-	1	-	-	-	1	-	-	-	13	2
Iowa.....	-	-	1	-	-	-	-	-	-	1	4
Missouri.....	-	-	-	-	1	-	-	-	-	13	5
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	4
Kansas.....	-	-	-	-	-	-	-	-	-	5	8
SOUTH ATLANTIC.....	4	3	-	-	2	6	1	4	1	61	56
Delaware.....	-	1	-	-	-	-	-	-	-	2	2
Maryland.....	1	-	-	-	1	-	-	1	-	18	6
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	-	-	1	-	-	-	4	14
West Virginia.....	-	-	-	-	-	-	-	-	-	11	3
North Carolina.....	2	1	-	-	1	1	-	-	-	6	12
South Carolina.....	-	-	-	-	-	-	-	-	-	-	1
Georgia.....	-	-	-	-	-	-	-	-	-	6	-
Florida.....	1	1	-	-	-	4	1	3	1	14	18
EAST SOUTH CENTRAL...	-	-	-	-	-	1	-	-	-	69	62
Kentucky.....	-	-	-	-	-	-	-	-	-	30	17
Tennessee.....	-	-	-	-	-	1	-	-	-	21	39
Alabama.....	-	-	-	-	-	-	-	-	-	11	2
Mississippi.....	-	-	-	-	-	-	-	-	-	7	4
WEST SOUTH CENTRAL...	1	3	-	1	1	1	-	1	-	71	64
Arkansas.....	-	-	-	-	-	-	-	-	-	7	2
Louisiana.....	-	-	-	1	-	1	-	-	-	9	10
Oklahoma.....	-	-	-	-	-	-	-	-	-	4	1
Texas.....	1	3	-	-	1	-	-	1	-	51	51
MOUNTAIN.....	1	-	-	-	-	-	-	-	-	72	32
Montana.....	-	-	-	-	-	-	-	-	-	4	2
Idaho.....	-	-	-	-	-	-	-	-	-	5	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	1
Colorado.....	-	-	-	-	-	-	-	-	-	3	-
New Mexico.....	-	-	-	-	-	-	-	-	-	43	13
Arizona.....	1	-	-	-	-	-	-	-	-	9	9
Utah.....	-	-	-	-	-	-	-	-	-	8	6
Nevada.....	-	-	-	-	-	-	-	-	-	-	1
PACIFIC.....	18	2	-	-	9	6	3	14	9	175	123
Washington.....	-	-	-	-	-	-	-	-	-	17	9
Oregon.....	-	-	-	-	-	1	-	-	-	36	14
California.....	15	-	-	-	9	5	3	14	9	121	98
Alaska.....	-	-	-	-	-	-	-	-	-	1	-
Hawaii.....	3	2	-	-	-	-	-	-	-	-	2
Puerto Rico	-	-	-	-	-	-	-	-	-	2	6

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 21, 1967 AND JANUARY 22, 1966 (3rd WEEK) - CONTINUED

AREA	MALARIA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
			Cumulative			Cumulative		Total	Paralytic		
	1967	1967	1967	1966	1967	1967	1966	1967	1967	Cum. 1967	1967
UNITED STATES...	27	1,451	3,915	14,360	73	191	221	-	-	-	850
NEW ENGLAND.....	1	9	33	203	2	6	16	-	-	-	89
Maine.....	-	-	4	27	-	1	-	-	-	-	12
New Hampshire.....	-	-	-	4	-	-	6	-	-	-	-
Vermont.....	-	3	4	80	-	-	1	-	-	-	-
Massachusetts.....	-	5	21	42	1	3	4	-	-	-	43
Rhode Island.....	-	-	2	20	-	-	2	-	-	-	2
Connecticut.....	1	1	2	30	1	2	3	-	-	-	32
MIDDLE ATLANTIC.....	10	68	160	2,470	8	29	44	-	-	-	43
New York City.....	-	11	24	1,160	2	6	13	-	-	-	23
New York, Up-State.	3	21	50	333	3	9	6	-	-	-	18
New Jersey.....	4	26	55	258	1	11	13	-	-	-	-
Pennsylvania.....	3	10	31	719	2	3	12	-	-	-	2
EAST NORTH CENTRAL...	-	188	440	5,900	7	15	38	-	-	-	126
Ohio.....	-	16	35	368	2	7	14	-	-	-	9
Indiana.....	-	38	79	269	1	1	4	-	-	-	13
Illinois.....	-	21	39	1,259	2	3	5	-	-	-	24
Michigan.....	-	45	117	755	2	3	13	-	-	-	18
Wisconsin.....	-	68	170	3,249	-	1	2	-	-	-	62
WEST NORTH CENTRAL...	-	51	140	457	3	10	12	-	-	-	35
Minnesota.....	-	1	5	230	-	1	3	-	-	-	-
Iowa.....	-	15	29	77	-	2	2	-	-	-	34
Missouri.....	-	4	6	30	1	3	3	-	-	-	-
North Dakota.....	-	12	49	114	-	-	-	-	-	-	1
South Dakota.....	-	14	14	1	1	1	1	-	-	-	-
Nebraska.....	-	5	37	5	-	2	1	-	-	-	-
Kansas.....	-	NN	NN	NN	1	1	2	-	-	-	-
SOUTH ATLANTIC.....	11	163	410	1,574	9	33	37	-	-	-	27
Delaware.....	-	4	4	26	-	-	-	-	-	-	-
Maryland.....	-	1	2	198	2	3	4	-	-	-	1
Dist. of Columbia..	-	-	4	63	-	-	-	-	-	-	-
Virginia.....	-	20	66	112	1	3	1	-	-	-	2
West Virginia.....	2	43	87	847	4	7	1	-	-	-	17
North Carolina.....	5	32	75	30	1	7	8	-	-	-	-
South Carolina.....	1	-	1	85	-	1	9	-	-	-	-
Georgia.....	2	8	8	24	-	4	4	-	-	-	-
Florida.....	1	55	163	189	1	8	10	-	-	-	7
EAST SOUTH CENTRAL...	-	192	465	1,592	9	15	5	-	-	-	65
Kentucky.....	-	32	65	493	3	4	2	-	-	-	24
Tennessee.....	-	74	195	1,057	3	7	2	-	-	-	6
Alabama.....	-	32	66	11	1	2	1	-	-	-	35
Mississippi.....	-	54	139	31	2	2	-	-	-	-	-
WEST SOUTH CENTRAL...	1	403	1,100	805	11	30	20	-	-	-	1
Arkansas.....	1	71	137	21	-	-	1	-	-	-	-
Louisiana.....	-	4	13	12	4	12	5	-	-	-	-
Oklahoma.....	-	6	69	10	-	-	-	-	-	-	-
Texas.....	-	322	881	762	7	18	14	-	-	-	1
MOUNTAIN.....	-	106	340	544	4	6	9	-	-	-	30
Montana.....	-	32	88	103	-	-	1	-	-	-	4
Idaho.....	-	6	28	142	1	1	-	-	-	-	-
Wyoming.....	-	-	-	12	-	-	-	-	-	-	-
Colorado.....	-	9	42	39	1	1	8	-	-	-	8
New Mexico.....	-	18	47	3	1	3	-	-	-	-	-
Arizona.....	-	12	55	233	-	-	-	-	-	-	17
Utah.....	-	6	10	8	-	-	-	-	-	-	1
Nevada.....	-	23	70	4	1	1	-	-	-	-	-
PACIFIC.....	4	271	827	815	20	47	40	-	-	-	434
Washington.....	-	160	429	228	-	1	1	-	-	-	98
Oregon.....	-	10	150	99	-	3	3	-	-	-	28
California.....	4	77	189	473	19	42	27	-	-	-	95
Alaska.....	-	8	39	-	1	1	7	-	-	-	3
Hawaii.....	-	16	20	15	-	-	2	-	-	-	210
Puerto Rico.....	-	63	113	169	-	-	-	-	-	-	3

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 21, 1967 AND JANUARY 22, 1966 (3rd WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	12,084	3	6	4	9	5	9	-	3	71	205
NEW ENGLAND.....	1,902	-	-	-	-	-	-	-	-	-	-
Maine.....	82	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	24	-	-	-	-	-	-	-	-	-	-
Vermont.....	13	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	199	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	110	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,474	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	452	-	-	-	-	1	1	-	-	5	9
New York City.....	15	-	-	-	-	-	-	-	-	-	-
New York, Up-State.	379	-	-	-	-	1	1	-	-	3	6
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	58	-	-	-	-	-	-	-	-	2	3
EAST NORTH CENTRAL...	1,289	-	-	-	-	-	-	-	-	4	8
Ohio.....	72	-	-	-	-	-	-	-	-	3	4
Indiana.....	186	-	-	-	-	-	-	-	-	-	1
Illinois.....	296	-	-	-	-	-	-	-	-	1	3
Michigan.....	454	-	-	-	-	-	-	-	-	-	-
Wisconsin.....	281	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL...	419	1	1	1	3	-	-	-	-	23	68
Minnesota.....	14	1	1	-	-	-	-	-	-	4	10
Iowa.....	219	-	-	-	-	-	-	-	-	1	6
Missouri.....	13	-	-	-	1	-	-	-	-	8	19
North Dakota.....	100	-	-	-	-	-	-	-	-	2	12
South Dakota.....	15	-	-	-	-	-	-	-	-	2	8
Nebraska.....	1	-	-	-	-	-	-	-	-	3	4
Kansas.....	57	-	-	1	2	-	-	-	-	3	9
SOUTH ATLANTIC.....	1,062	1	1	-	2	1	1	-	3	5	26
Delaware.....	25	-	-	-	-	-	-	-	-	-	-
Maryland.....	202	-	-	-	-	-	-	-	-	-	-
Dist. of Columbia..	2	-	-	-	-	-	-	-	-	-	-
Virginia.....	248	-	-	-	-	-	-	-	-	1	13
West Virginia.....	231	-	-	-	-	-	-	-	-	-	3
North Carolina.....	49	-	-	-	-	1	1	-	2	-	-
South Carolina.....	81	-	-	-	2	-	-	-	-	-	-
Georgia.....	13	-	-	-	-	-	-	-	1	-	6
Florida.....	211	1	1	-	-	-	-	-	-	4	4
EAST SOUTH CENTRAL...	1,438	-	3	-	1	-	2	-	-	12	48
Kentucky.....	186	-	-	-	-	-	-	-	-	4	13
Tennessee.....	998	-	3	-	1	-	-	-	-	7	34
Alabama.....	242	-	-	-	-	-	2	-	-	-	-
Mississippi.....	12	-	-	-	-	-	-	-	-	1	1
WEST SOUTH CENTRAL...	1,271	-	-	-	-	3	3	-	-	12	27
Arkansas.....	6	-	-	-	-	-	-	-	-	2	6
Louisiana.....	1	-	-	-	-	3	3	-	-	1	2
Oklahoma.....	54	-	-	-	-	-	-	-	-	1	6
Texas.....	1,210	-	-	-	-	-	-	-	-	8	13
MOUNTAIN.....	2,168	-	-	3	3	-	2	-	-	-	3
Montana.....	137	-	-	1	1	-	1	-	-	-	-
Idaho.....	167	-	-	-	-	-	-	-	-	-	-
Wyoming.....	61	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,014	-	-	-	-	-	-	-	-	-	-
New Mexico.....	388	-	-	-	-	-	-	-	-	-	-
Arizona.....	104	-	-	-	-	-	1	-	-	-	3
Utah.....	295	-	-	2	2	-	-	-	-	-	-
Nevada.....	2	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	2,083	1	1	-	-	-	-	-	-	10	16
Washington.....	397	-	-	-	-	-	-	-	-	-	-
Oregon.....	78	-	-	-	-	-	-	-	-	-	-
California.....	1,315	1	1	-	-	-	-	-	-	10	16
Alaska.....	41	-	-	-	-	-	-	-	-	-	-
Hawaii.....	252	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	6	-	-	-	-	-	-	-	-	-	-

Week No. 3

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 21, 1967

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	777	494	36	29
Boston, Mass.	232	126	11	11
Bridgeport, Conn.	63	36	6	1
Cambridge, Mass.	41	33	-	2
Fall River, Mass.	34	24	1	2
Hartford, Conn.	53	28	2	4
Lowell, Mass.	29	23	3	1
Lynn, Mass.	19	12	1	-
New Bedford, Mass.	23	15	-	-
New Haven, Conn.	47	26	-	2
Providence, R. I.	63	39	-	2
Somerville, Mass.	13	12	-	-
Springfield, Mass.	45	32	3	2
Waterbury, Conn.	29	20	-	-
Worcester, Mass.	86	68	9	2
MIDDLE ATLANTIC:	3,466	2,053	131	148
Albany, N. Y.	42	30	1	2
Allentown, Pa.	29	21	1	1
Buffalo, N. Y.	169	82	5	5
Camden, N. J.	47	25	2	4
Elizabeth, N. J.	41	21	2	2
Erie, Pa.	45	28	3	2
Jersey City, N. J.	86	51	11	-
Newark, N. J.	95	45	7	13
New York City, N. Y.	1,723	1,026	56	56
Paterson, N. J.	45	29	2	4
Philadelphia, Pa.	552	305	13	38
Pittsburgh, Pa.	201	128	5	8
Reading, Pa.	57	42	6	-
Rochester, N. Y.	118	82	6	7
Schenectady, N. Y.	20	13	-	2
Scranton, Pa.	25	17	1	-
Syracuse, N. Y.	52	35	1	1
Trenton, N. J.	52	35	3	1
Utica, N. Y.	33	26	6	-
Yonkers, N. Y.	34	22	-	2
EAST NORTH CENTRAL:	2,630	1,485	69	134
Akron, Ohio	51	31	-	3
Canton, Ohio	36	17	2	3
Chicago, Ill.	752	381	28	39
Cincinnati, Ohio	207	118	3	6
Cleveland, Ohio	225	122	1	9
Columbus, Ohio	118	64	3	5
Dayton, Ohio	78	47	1	3
Detroit, Mich.	369	207	6	17
Evansville, Ind.	36	27	3	-
Flint, Mich.	52	24	1	2
Fort Wayne, Ind.	39	29	3	2
Gary, Ind.	32	18	3	5
Grand Rapids, Mich.	57	38	3	5
Indianapolis, Ind.	154	87	4	9
Madison, Wis.	25	16	-	1
Milwaukee, Wis.	131	86	1	10
Peoria, Ill.	46	27	-	4
Rockford, Ill.	30	19	3	3
South Bend, Ind.	40	26	2	1
Toledo, Ohio	81	52	-	5
Youngstown, Ohio	71	49	2	2
WEST NORTH CENTRAL:	935	557	58	57
Des Moines, Iowa	63	45	3	2
Duluth, Minn.	25	20	-	1
Kansas City, Kans.	34	20	4	6
Kansas City, Mo.	152	85	4	7
Lincoln, Nebr.	23	16	-	1
Minneapolis, Minn.	134	85	12	12
Omaha, Nebr.	87	48	7	3
St. Louis, Mo.	263	139	17	18
St. Paul, Minn.	77	53	4	-
Wichita, Kans.	77	46	7	7
SOUTH ATLANTIC:	1,295	712	59	62
Atlanta, Ga.	162	77	7	12
Baltimore, Md.	286	158	10	19
Charlotte, N. C.	40	22	2	4
Jacksonville, Fla.	81	35	7	4
Miami, Fla.	83	47	-	2
Norfolk, Va.	57	27	5	-
Richmond, Va.	91	49	2	4
Savannah, Ga.	39	17	4	4
St. Petersburg, Fla.	97	78	8	2
Tampa, Fla.	72	54	8	6
Washington, D. C.	237	120	6	4
Wilmington, Del.	50	28	-	1
EAST SOUTH CENTRAL:	670	348	35	39
Birmingham, Ala.	96	52	2	4
Chattanooga, Tenn.	51	24	2	6
Knoxville, Tenn.	30	21	1	1
Louisville, Ky.	129	75	10	8
Memphis, Tenn.	136	64	5	8
Mobile, Ala.	62	28	-	5
Montgomery, Ala.	40	21	5	1
Nashville, Tenn.	126	63	10	6
WEST SOUTH CENTRAL:	1,418	727	52	94
Austin, Tex.	54	34	2	2
Baton Rouge, La.	36	17	-	2
Corpus Christi, Tex.	30	16	-	2
Dallas, Tex.	165	81	4	17
El Paso, Tex.	41	19	7	7
Fort Worth, Tex.	95	49	2	-
Houston, Tex.	336	159	13	16
Little Rock, Ark.	92	51	3	10
New Orleans, La.	175	82	3	14
Oklahoma City, Okla.	112	63	4	5
San Antonio, Tex.	127	68	5	12
Shreveport, La.	62	37	1	3
Tulsa, Okla.	93	51	8	4
MOUNTAIN:	454	281	22	23
Albuquerque, N. Mex.	41	28	6	-
Colorado Springs, Colo.	17	11	1	1
Denver, Colo.	134	84	5	11
Ogden, Utah	17	14	1	-
Phoenix, Ariz.	110	61	7	6
Pueblo, Colo.	21	16	1	2
Salt Lake City, Utah	55	35	-	1
Tucson, Ariz.	59	32	1	2
PACIFIC:	2,112	1,322	64	87
Berkeley, Calif.	20	15	-	-
Fresno, Calif.	63	40	-	1
Glendale, Calif.	45	31	-	-
Honolulu, Hawaii	58	28	2	3
Long Beach, Calif.	107	68	3	2
Los Angeles, Calif.	783	488	20	37
Oakland, Calif.	180	114	4	8
Pasadena, Calif.	43	27	-	2
Portland, Oreg.	127	72	-	5
Sacramento, Calif.	64	36	2	2
San Diego, Calif.	90	55	3	8
San Francisco, Calif.	173	106	3	4
San Jose, Calif.	47	29	10	2
Seattle, Wash.	218	143	17	12
Spokane, Wash.	40	31	-	-
Tacoma, Wash.	54	39	-	1
Total	13,757	7,979	526	673

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	41,238
All Causes, Age 65 and over	23,662
Pneumonia and Influenza, All Ages	1,693
All Causes, Under 1 Year of Age	2,117

UNIVERSITY OF FLORIDA
3 1262 08864 2177

LACTOSE-FERMENTING SALMONELLA INFECTION

(Continued from page 18)

Ball state that of approximately 400 unselected various salmonella serotypes examined for their biochemical reactions, 0.8 percent fermented lactose.[1] Seligmann and Saphra reported an organism which was biochemically classified as a coliform although it possessed the complete antigens of *S. newington*.[2] Kauffmann stated that lactose-fermenting variants of *S. anatum*, *S. newington*, *S. paratyphi B*, *S. typhi*, *S. typhi-murium*, *S. senftenberg*, *S. tennessee*, *S. ferlac*, and others have been encountered.[3]

Until the extent of this type of phenomena can be accurately determined, it is probably not necessary that laboratories isolating salmonellae use bismuth sulfite routinely. However, when salmonellosis is strongly suspected, but not isolated, the possibility of a lactose-fermenting variant should be considered, and proper media incorporated in the bacteriologic procedures.

References:

[1]Ewing, W.H., and Ball, M.M.: The Biochemical Reactions of Members of the Genus Salmonellae. NCDC Publication, 1965.
[2]Seligmann, E., and Saphra, I.: A coliform bacterium with the complete antigens of *Salmonella newington*. Journal of Immunology, *54*:(3)275-282, 1946.
[3]Kauffmann, Fritz: Die Bakteriologie Der Salmonella Species. Munksgaard, Kopenhagen, 1961, p. 81.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

DIRECTOR, NATIONAL COMMUNICABLE DISEASE CENTER — DAVID J. SENCER, M.D.
CHIEF, EPIDEMIOLOGY PROGRAM — A.D. LANGMUIR, M.D.
ACTING CHIEF, STATISTICS SECTION — IDA L. SHERMAN, M.S.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL
NATIONAL
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

OFFICIAL BUSINESS

UNIV. OF FL LIB.
DOCUMENTS DEPT.
U.S. DEPOSITORY

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.